Remarkable Progress During Past Nine teen Years.

Wasnington Post.

dawning," said Assistant Commissioner of Patents Greely, "and one advance in this direction which we are about to witness is the conversion of the steam railroads of this country energy, and the sun's rays may even into electric railroads-a change that be employed to manufacture the fluid. to a large extent but for the immense | tieth century inventor finds a practiamount of money invested in locomo- cal way of harnessing the tides, the tive and the first enormous expense of latter will produce at very slight exand electric locomotives have proved | States. themselves superior to those depending on steam power. One advantage day are run to a great extent by elecof the electric locomotive engine is tricity, which lights them, ventilates that it emits no smoke or cinders, and them, and even operates the family the water power of any river within a elevator. This kind of elevator is few miles of the line may be utilized its if a very new invention; it has no instead of fuel to run it.

In 1880 there were only three electric light and power establishments in this beginning to be commercially known; now there are over 1.000 exchanges, using 600,000 miles of wire and employing 15,000 individuals and \$85,-000,000 of capital.

electrical art during the last few years of the nineteenth century. It has exsocial and economic conditions, incia vast number of persons. To-day the support of considerably over 1,-900,000 people in this country is derived from enterprises which depend upon electricity, and to this number when electricity is substituted for | steam as motive power on the rail-

"Electricity is invading all the arts and industries. The manufacturer finds it more economic to attach a motor to each of his machines, distributing power through his factory for electrical uses is mainly accountable for the fact that the output of this metal in the United States has been multiplied by six since 1880. To make a telephone circuit from Boston to Chicago requires over 1,000,000 pounds of copper.

"Many marvelous things are being accomplished with metals by the aid of electricity, among which may be mentioned the wolding together of such substances as steel, copper, nickel, etc .- a task that was deemed impossible until recently. With the employment of the electric are a new chemistry of high temperature is in prospect, promising fresh discoveries of high industrial value. By this means a heat of 7,200 degrees Fahrenheit is attained, which is sufficient to reduce all known substances. Hence the electric furnace, in which gold. iron, platinum, and copper are volatilized, and by the help of which actual diamonds have been manufactured from charcoal.

"Already we have learned how to send seventy-two messages simultaneously over a single wire. We can transmit the handwriting of an individual by telegraph, and in the same way we can actually reproduce halftone pictures at long distances. Before long we shall be able to reproduce full typewritten pages by telegraph, just as we now send words on a paper ribbon, and wireless telegraphy seems to be in sight. When the proposed Pacific cable is laid, it will be practicable to send a message around the world in three seconds, and it is promised that a method will be found for telegraphing between ships many miles apart at sea. Even now it no longer seems so very wonderful that by the touch of a button at the naval observatory in Washington each day at noon 100,000 clocks all over the United States should be set to the true time, while time balls are dropped at the same instant at all seaports on the

the heat of which will fill a series of the work of the household during the ranted not to singe the hair. day, illuminating the dwelling, pro- "Electric boats are now plying on

"The age of electricity is only just | waiter, and so forth. This, however, is only a faint suggestion of the advantages to be gained by the discovery I speak of. Electricity will then be come an exceedingly cheap source of would have been accomplished already If, as does not seem unlikely, a tweninstalling an electric plant. Cars pense all the electricity required to have already been run by electricity run all the machinery and to heat and at a rate exceeding 60 miles an hour, illuminate all the houses in the United

"The houses of many rich men toattendant, but is so controlled by the "The first electric road for city or invisible force stored in great jars of suburban traffic was put in operation lead and acidulated water in the bata dozen years ago. At present there | tery room that is as safe and docile as are in the United States more than any well trained servant. Anybody 15,000 miles of such roads, represent- who wants to make use of it presses a ing a total investment of \$900,000,000 button, and the ear comes responsiveand employing about 175,000 persons. ly to the floor desired. Stepping aboard, the passenger touches one of a series of buttons inside, and the car country, to-day there are more than transports him to the floor he wishes 10,000 such establishments, employing to go to. If the promises of electri-50,000 men and \$500,000,000 of capical experts are to be accepted, our tal. The telephone in 1880 was just dwellings before long will be lighted by electricity without wires.

"An extremely valuable product of the electrical furnace, by the way, is carborundum now being made in a large way at Niagara-which is the "These few figures give a notion of hardest of all substances save the diathe wonderful progress made by the mond, and therefore serves extremely well as an abrasive. By electrolysis aluminium is separated from its ore, tended itself over the industrial field and thus has been brought to a point to such an extent as largely to modify of exceeding cheapness, while by the same means ordinary brine is sepadentally giving gainful occupation to rated into two valuable productschiorine for bleaching and sodium for

there will be an enormous addition In some complaints it has a remarkand it has been found that certain drugs put on a moistened electrode can be carried into the body with the current, so as to benefit directly a diseased part. Various kinds of morbid growths are removed instantaneously and painlessly by electro-cautery, and becween 4,000 and 5,000 a day by means of wires. Coal is now cut the only successful method for getting in the mines by electric power, carried to the pit's mouth by the same agency, and loaded upon electric cars for trans
and loaded upon electric cars for trans
and loaded upon electric cars for transthe root. Nowadays operative instruments for the nose, mouth and throat, whether drills, saws or what not, are controlled by electricity, while tiny incandescent lamps, swallowed by the patient or otherwise manipulated, are utilized to illuminate the cavities of body and head so as to reveal conditions to the physician.

"Street cars are not only run by electricity, but are illuminated and heated by the same agency. The heaters used for this purpose require no attention, regulate the temperature exactly as it may be desired, and, when used on railway trains, do not endanger the safety of passengers. One of the latest improvements is to provide each berth in a sleeping car with an incandescent light, so that one may read if slumber comes not. Similarly, incandescent lights are now provided for carriages, and they are even coming into use for cabs. The emperor of Germany has his closed carriages lighted in this way, and in addition, the harnesses of his horses are covered with small glowlights of different colors, so as to produce a very beautiful effect.

"The twentieth century will see electricity introduced in the kitchen in place of coal and wood. In order that this may be accomplished it is only necessary that the fluid should be made a little cheaper, inasmuch as it serves much better for all culinary purposes. The electric even bakes bread ideally, and meats prepared in

it lonot require basting or watching, while broiling or frying may be done in superior style on the electric range. The electric chafing dish is attachable at a moment's notice to an ordinary lightwire, the current is turned on, and immediately the oysters begin to stew or the eggs to frizzle. In the electric kitchen of the near future there will be no cosl, no ashes, and no smoke; there will be no fuel and not even a battery, inasmuch as the re-Atlantic and Pacific coasts, for the benefit of marines.

"The great problem likely to be solved in the twentieth century is the transformation of heat into electricity direct. When this is accomplished, quisite current will be furnished from scorch things and will not require Biddy in the morning will start a fire changing or re-heating. Already we have electric curling-tongs, which, bestorage batteries that will do most of ing hitched to a light wire, are war-

pelling the machine fans, running the the canals of Venice, and launches sewing machine, operating the dumb similarly propelled are being made for

American warships, the power being derived from storage batteries beneath the boats. The trolley meanwhile threatens to supplant the industrious but uncertain mule for the propulsion | plow-shares. of canal boats. In the cities canned electricity, as it might be termed, is having vowed never to look upon the now delivered to customers, the emp- face of a woman. tied batteries being taken away every day and replaced with full ones. At the same time agricultural machines un by electricity are being introduced to the farmers, and there is even a device for the wholesale electrocution of weeds. Among recent inventions are an electric incubator, and experts are making experiments in the forcing of the growth of plants by electric lights and by current put through wires underground.'

Tillman's Caudor.

Whatever may be said against Senator Tillman, we cannot help admiring his political courage and his blunt frankness in dealing with political issues. Tillman calls a pitchfork a pitchfork and spares not. He is quo ted as having said in a recent speech that the dispensary was not intended to be moral, but simply to give the people plenty of good liquor and to give the profits of the liquor business to the State instead of the bar keep-

This is the literal truth. The State of South Carolina is engaged in the liquor business for the profit that there is in it. Or perhaps we would be nearer to the truth if we should say that the Tillman party inaugurated the dispensary system for the good that they could get out of it. Now that Tillman has told the truth, let us hear no more about the dispensary system as a movement in the interest of temperance. It is a movement in the interest of politics, and while it has been of profit to politicians and possibly of profit to the State government, it has been a disgrace to the nconle of South Carolina and a source of no end of strife and scandal .-Richmond (Va.) Times.

The Best Remedy for Flux.

Mr. John Mathias, a well known stock dealer of Pulaski, Ky, says: soap manufacture.

"Electricity is now recognized as a most useful agent in medicine, being employed in a great variety of ways. In some complaints it has a remarkable power of stimulating function,

- Corncob pipes are made by the carload in Missouri, and sell for 25 to 27 cents per bushel. The industry is also an important one in Indiana and one factory at Brightwood turns out

Merton, Mayhew, Wis. Evans Phar

- A San Francisco millionaire has credit of playing the largest surgeon s fee on record for a successful operation for appendicitis. Thirty thou sand dollars was the tidy sum, reprerenting one man's gratitude to his

Irritating stings, bites, scratches wounds and cuts soothed and healed by DeWitt's Witch Hazel Salve-a sure and safe application for tortured flesh. Beware of counterfeits. Evaus Pharmacy.

- Jack : "The ingenuity of woman is beyond the comprehension of man." Tom: "W.iat's wrong now?" Jack: "Young Blank's fiance sent him au elaborately constructed pen-wiper for a birthday present and he wore it to church thinking it was a new-fangled cravat."

Kodol Dyspepsia Cure thoroughly digests food without aid from the stomach, and at the same time heals and restores the diseased digestive or gans. It is the only remedy that does both of these things and can be relied upon to permanently cure dyspepsia. Evans Pharmacy.

- The Louisiana division of the Veteran Confederate States Cavalry Association has taken up the work of raising a fund by volunteer contribution to rebuild the home of Gen. John B. Gordon, of Georgia, recently destroyed by fire. All Confederate camps throughout the South are invited to

Kodol Dyspepsia Cure cures dyspepsia because its ingredients are such that it can't help doing so. "The public can rely upon it as a master remedy for all disorders arising from imperfect digestion." James M. Thom-James M. Thomas, M. D., in American Journal of Health, N. Y. Evans Pharmacy.

- Nothing like starting right. A good beginning is a long step towards a good ending. He who has no wild oats to trouble him, no bad habits formed in youthful days to root up has a great advantage in the work of life.

'Our baby was sick for a month with of the compositions:

- Mr. Courtney (flatteringly)-"I had the blues awfully when I came here to-night, Miss Fisher, but they are all gone now. You are as good as catch on to some fellow soon."

All Serts of Paragraphs

The man who doesn't put his hand to the plow will get none of the

Three Texans live a hermit life, - Half the ships in the world are

British. The best of them can be converted into ships of war in fortyeight hours. - The right hand, which is more

sensitive to the touch than the left. is er lived, and the combat happened in less sensitive than the latter to the ef- Madrid in 1813. He was the master at fect of heat or cold.

- Some girls can sweep into a room with style and grandeur, but when it comes to sweeping out a room-well. that's another story.

- Yeast- 'You say your neighbor is a mean man?" Crimsonbeak-Mean is no name for him. Why, he takes his soup with a fork so it will last longer.'

- Edward Bennett, aged 16, and Ethel Allen, aged 13, were married at their parents' consent.

- Mama: "Susie, what do you mean by all this noise? See how quiet Willie is." Susie : "Of course, he's quiet. ma-that's our game. He's papa coming home late, and I'm you.'

- The most magnificent tomb in the world is the Traj Mahal, in Agra, Hindoostan. It was erected by Shah Jehan to the memory of his favorite queen. It is octagonal in form, of pure white marble, inlaid with jasper, cornelian, turquoise. agate, amethysts and sapphires. The work took 22,000 men 20 years to complete, and though there were free gifts and the labor was free, the cost was \$16,500,000.

- The past six months have seen another record broken. More freight cars have been ordered than ever before in a like period; the number, 88,088. If these cars were placed end to end they would cover more than half the distance from New York to Chicago; to be accurate, 567 miles. An average car is thirty-four feet long.

- Religion is a necessary and indispensable element in any great human character. There is no living without it. Religion is the tie that connects man with his Creator and him to His throne. If that tie be all sundered, all broken, he floats away, a worthless atom in the universe, its proper attractions all gone, its destiny thwarted. and its whole future nothing but darkness, desolation and death.

-The Rev. Henry Crawford Tucker, a primitive Baptist clergyman, 95 years old, who died recently, in Florida. built the first log cabin on the site of Tallahassee, and was the first settler of that place. His wife was the only white woman in that region. There were hostile bands of Indians and him. way negro slaves in the vicinity Mr. Tucker was a native of South Carolina. He settled in Tallahassee seventy-five years ago. He was thrice married, hischildren numbering eighteen sons and fourteen daughters. His descendants, at the time of his death, aggregated 714.

- A woodman named Oliver, living in Tennesse, while cutting wood a few days ago saw two foxes remaining constantly near a fallen tree. Upon approacning the tree he discovered a large limb with a cavity in which were two half grown foxes. Neither was able to walk, and evidently had never been out of their place of confinement. It seems probable that the foxes crawled into the hole in the limb when very young and remained there until they had grown so that escape was impossible. They had been fed by the old foxes through a small aperture in

- Indefatigable scientists and explorers long ago established the fact that a race of people possessing a high order of intelligence dwelt on what is now the soil of the United States prior to the existence of the Indians.

discoveries recently made of ma. J. lous systems of reserveirs, irrigation canals and viaducts beneath the lava beds of New Mexico, however, lead to the suggestion that, perhaps, research in North America lie beneath these vast siesmic deposits, which in that territory alone extend over an area of hundreds of square miles. The fact that the newly found and wonderful engineering devices are found beneath the lava beds is alone sufficient to attest their antiquity, as ages have elapsed since the molten rock issued from the vast crevices torn open by successive earthquakes.

A Girl's idea of Boys.

At an examination in a certain school for girls an essay on "Boys" was ordered written, and this was one

"The boy is not an animal, yet he can be heard to a considerable distauce. When a boy hollers he opens his mouth like a frog, but girls hold their tongue 'til: they are spoken to, and they answer respectable, and tell just how it was. A boy thinks he is clever because he can wade where it is deep, but God made the dry land for every living thing, and rested on the medicine." Miss Fisher's Little Bro- seventh day. When the boy grows up ther-"Yes; father says she'll be a he's called a husband and stays out drug in the market if she doesn't nights, but the grew up girl is a widow and keeps house."

A FAMOUS CONFLICT.

THE GREATEST DUEL WITH SWORDS THAT HISTORY RECORDS.

It Was Fought In the Presence of a at Arms Went Down In Succession, Killed by the Blade of Jean Louis.

So extraordinary is this combat that it would be held a romance had it not been witnessed by a whole army. The hero was Jean Louis, one of the greatest masters of swordsmanship who evarms of the Thirty-second regiment of French infantry-the First regiment, composed entirely of Italians, forming part of the same brigade. Regimental esprit de corps and rivalries of nationality caused constant quarrels, when swords were often whipped out or bullets exchanged.

After a small battle had occurred in the streets of Madrid, in which over 200 French and Italian soldiers had taken part, the officers of the two regiments, in a council of war assembled. decided to give such breaches of order a great blow, and to re-establish disci-Rockford, Texas. They are step- pline they agreed that the masters at brother and sister, but married with arms of the two regiments should take up the quarrel and fight it out.

The details of the battle were simple and quickly arranged. The duel was to take place in the open and in the presence of the whole army. The crack swordsmen of the two regiment: were selected, and each group arranged the order in which their men were to face their opponents. The next day was the time set for the bloody ordeal.

Shortly after daybreak, as the sun rose, the army assembles. Then a moment of expectancy.

The drum is heard. Two men naked to the waist step into the ring. The first is tall and strong. His black eyes rove disdainfully upon the gaping crowd. He is Giacomo Ferrari, the celebrated Italian. The second, tall, also handsome and with muscles like steel, stands modestly awaiting the word of command. His name is Jean Louis. The witnesses assume their places on either side of their principals. A deathlike silence ensues. "On guard!" The two masters cross

swords. Giacomo Ferrari lunges repeatedly at Jean Louis, but in vain. His every thrust is met by a parry. He makes up his mind to bide his chance and caresses and teases his op-

Jean Louis, calm and watchful, lends himself to the play, when, quicker than lightning, the Italian jumps aside with a loud yell and makes a terrible lunge at Jean Louis-a Florentine trick, often successful. But, with extraordinary rapidity, Jean Louis has parried, and risposts quickly in the shoulder.
"It is nothing," cried Giacomo, "a mere scratch," and they again fall on

guard. Almost directly he is hit in the breast. This time the sword of Jean Louis, who is now attacking, penetrates deeply, Giacomo's face becomes livid, his sword drops from his hand and he falls heavily on the turf. He is Jean Louis is already in position. He wipes his recking blade; then, with the point of his sword in the ground, he calmly awaits the next man. He has

ready. A new adversary stands before A sinister click of swords is heard, a lunge, a parry, a rispost, and then a cry, a sigh, and all is over. A second body is before Jean Louis. A third adversary advances. They wanted Jean

hardly had two minutes' rest. He is

"I am not tired," he answers, with a smile. The signal is given. The Italian is as tall as the one who lies there a corpse, covered by a military cloak. He has closely watched Jean Louis' play, and thinks he has guessed the secret of his victories. He multiplies his feints and tricks, and then, all at once, bounding like a tiger on his prey, he gives his opponent a terrible thrust in the lower line. But Jean Louis' sword has parried, and is now deep within his opponent's breast.

What need to relate any more. Ten new adversaries followed him, and the ten fell before Jean Louis, amid the excited yells and roars of an army. At the request of the Thirty-second

regiment's colonel, who thought the lesson sufficient, Jean Louis, after much pressing, consented to stop the combat, and he shook hands with the two survivors, applauded by 10,000

Stevenson as a Burgiar.

Mr. Edmund Gosse has written a pa per on "Stevenson's Relations With Children" in Chambers' Journal. In it he relates a story of his youthful days as narrated to himself by Stevenson. He was still a little fellow when in the summer holidays, after reading a number of detective novels of a bad kind, he was passing one Sunday afternoon along a road in an Edinburgh suburb. There he saw a deserted house, furnished, but without a care taker. It struck young Stevenson that it would be a fine thing to break into this house, which he accordingly did, roaming from room to room, looking at books and pictures in great excitement, until he thought he heard a noise in the garden. 'Ferror seized upor him as he imagined himself handcuffee and conveyed to prison just as the church folks were returning home. He burst out crying, then managed to creep out as he had come in.

Entily's Idea.

"Mrs. Salmon's got a dog that like me," said little Emily, coming home from a visit to her aunt. "How do you know he likes you? her mother asked.

Causo he tasted me and then wagged his tail," answered the little girl.— Detroit Bree Press.

- Beauty is nature's first gift to woman, and it is the first one she

NUTICE.

WILL let to the lowest responsible
bidder on Friday, 25th inst., at 11
a. m., the building of a new Bridge over
Big Brushy Creek, near Pledmont, ab ut
one-half mile up the Creek from the pres-Plans and specifications made known on day of letting, reserving the right to reject any or all bids.

W. P. SNELGROVE, Co. Sup'r.

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Hill-Orr Drug Company's Specials!

Syrup Red Clover Compound,

The greatest and best blood purifier. Pint bottle \$1.00. Johnson's Headache Powder.

Safe and sure for all pains in the head. 10c. and 25c.

The best of all Cough Remedies. 25c. and 50c.

H. O. D. Co's. Horse and Cattle Powder.

A teaspoonful is a large dose and the result will surprise you. A fine Tonic and specially good for hide-bound and stoppages. 15c. and 25c. a bagful.

Johnson's Palatable Worm and Liver Syrup,

Removes the worms every time, is safe, and is not to be followed by castor oil or other active ad nauseating medicines. 25c.

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We offer this new and latest remedy for Headache, Neuralgia and all pains. This remedy we need not recommend, as it stands above all remedies heretofore offered as a reliever of any kind of pain

HILL-ORR DRUG CO.,

Headquarters for Medicines of all kinds, Paints, Oils, Glass, Seeds and Dye Stuffs.

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